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Db 132 AW-----IVFHVLFIF-GLEQKXTLMVVFYGI-----RGLANPLFIYAWMWIA 176
QY 67 -----DTLSTRPGYLWVW-----IYRNIGSV---HFFILFLVLITLYLWQITEGR 113
Db 177 QVTPGARMASAMGWMSMYCIGILLGNWIPSLISIRIGFINLWGV-----FWVAVAGL 232
QY 114 KIMIRLLHEQIINEGKDKMFLIEKLKLODMKKANPSSLVLER 158
Db 233 MIMY-LYKERGAGKPPDAVTLVERIKTL-----SSGVITIABRR 270

RESULT 6
US-08-137-614A-2
; Sequence 2, Application US/08137614A
; Patent No. 5487976
; GENERAL INFORMATION:
; APPLICANT: Soderlund, David M.
; APPLICANT: Knipple, Douglas C.
; APPLICANT: Henderson, Joseph E.
; TITLE OF INVENTION: Gene Encoding An Insect
; TITLE OF INVENTION: Gamma-Aminobutyric Acid (GABA) Receptor Subunit
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon, Hargrave, Devans & Doyle
; STREET: Clinton Square, P.O. Box 1051
; CITY: Rochester
; STATE: New York
; COUNTRY: USA
; ZIP: 14603
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/137,614A
; FILING DATE: 15-OCT-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Timian, Susan J.
; REGISTRATION NUMBER: 34,103
; REFERENCE/DOCKET NUMBER: 19603/120
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (716)263-1636
; TELEFAX: (716)263-1600
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 496 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-137-614A-2

Query Match 7.3%; Score 73; DB 1; Length 496;
Best Local Similarity 19.8%; Pred. No. 4;
Matches 36; Conservative 36; Mismatches 80; Indels 30; Gaps 6;
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RESULT 7
US-08-768-301-2
; Sequence 2, Application US/08768301
; Patent No. 5854002
; GENERAL INFORMATION:
; APPLICANT: Tomalski, Michael D.
; APPLICANT: Gant, Daniel B.
; TITLE OF INVENTION: METHOD OF IDENTIFYING COMPOUNDS THAT BIND
; TITLE OF INVENTION: TO THE INSECT GABA RECEPTOR
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Brumbaugh, Graves, Donohue & Raymond
; STREET: 30 Rockefeller Plaza
; CITY: New York
; STATE: NY
; COUNTRY: U.S.A.
; ZIP: 10112-0228
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/768,301
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Macleod, Janet M.
; REGISTRATION NUMBER: 35,263
; REFERENCE/DOCKET NUMBER: A30693
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-408-2500
; TELEFAX: 212-765-2519
; TELEX:
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 496 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; US-08-768-301-2

Query Match 7.3%; Score 73; DB 2; Length 496;
Best Local Similarity 19.8%; Pred. No. 4;
Matches 36; Conservative 36; Mismatches 80; Indels 30; Gaps 6;
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; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 887-1500
; TELEFAX: (202) 887-0763
; TELEX: 90-4030 MRSNPOERSMHS
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 415 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: group(9, 12, 33, 40, 48)
; OTHER INFORMATION: /note="extracellular Asn residues
; OTHER INFORMATION: that are consensus sites for N-linked glycosylation"
US-08-405-271A-20

Query Match
Best Local Similarity 7.1%; Score 71.5; DB 4; Length 415;
Matches 30; Conservative 23; Mismatches 44; Indels 37; Gaps 6;

QY 25 FPPSPFTGV-LCTLAITWRKPSADCGPFRGLPL-----FTHSIYSWT----- 66
DB 150 YNNMFTSIFLTCTMSVD---RYAVCHPYKALDFRPPRNAKIINVCNWLSSAIGLPVM 205
QY 67 --DTLSTRPG-----YLMVWVIYRNLIQSVHFFLLTLYLITLYLWQITEGRKIMI 117
DB 206 FMATPKYRGSDICTLFRSHPTWENLVKICVFIFAFIMPVLITVCY-----GLMITL 259
QY 118 RLHEQIINEGRDK 131
DB 260 RLKSVMLSGSKEK 273
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RESULT 12
US-08-726-214-8
; Sequence 8, Application US/08726214
; Patent No. 6107076
; GENERAL INFORMATION:
; APPLICANT: Tang, Wei-Jen
; TITLE OF INVENTION: SOLUBLE MAMMALIAN ADENYLYL CYCLASE
; TITLE OF INVENTION: AND USES THEREFOR
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: United States of America
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/726,214
; FILING DATE: Concurrently Herewith
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/005,498
; FILING DATE: 04-OCT-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Highlander, Steven L.
; REGISTRATION NUMBER: 37,642
; REFERENCE/DOCKET NUMBER: UTSD:450
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (512) 418-3000
; TELEFAX: (512) 474-7577
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1064 amino acids
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; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
US-08-726-214-8

Query Match
Best Local Similarity 7.1%; Score 71.5; DB 3; Length 1064;
Matches 26; Conservative 16; Mismatches 25; Indels 25; Gaps 6;

QY 20 FIFLPPSPFTGVLCCTLAITWRKPSADCGPFRGLPLFTHSIYSWID-----TL 69
DB 726 FLSCSLFLHMSFELKLLLLLLLV---ASCS-----LFLHS-HAWLSDCLIAIRLYQGS 775
QY 70 STRPGYLMVWVIYRNLIQSVHFF-FILTLIVL 100
DB 776 GSRPGVL---KEPKLMGAIYFTFFFTLLVL 803
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RESULT 13
US-09-134-001C-4778
; Sequence 4778, Application US/09134001C
; Patent No. 6380370
; GENERAL INFORMATION:
; APPLICANT: Lynn Doucette-Stamm et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCC
; TITLE OF INVENTION: EPIDERMIDIS FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: GTC-007
; CURRENT APPLICATION NUMBER: US/09/134,001C
; CURRENT FILING DATE: 1998-08-13
; PRIOR APPLICATION NUMBER: US 60/064,964
; PRIOR FILING DATE: 1997-11-08
; PRIOR APPLICATION NUMBER: US 60/055,779
; PRIOR FILING DATE: 1997-08-14
; NUMBER OF SEQ ID NOS: 5674
; SEQ ID NO 4778
; LENGTH: 179
; TYPE: PRT
; ORGANISM: Staphylococcus epidermidis
US-09-134-001C-4778
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Query Match
Best Local Similarity 7.0%; Score 70.5; DB 4; Length 179;
Matches 22; Conservative 23; Mismatches 23; Indels 35; Gaps 5;

QY 57 LEIHSIYSWIDTLSTR-----PGYLMVWVIYRN-----LIGSVHFFILTLIVLI 101
DB 36 LVFDQYSKWLITISMKGVDSEIIPNLNIT-SHRNNGAAMGILSGKMLFYITITILI 94
QY 102 ITLYWQITEGR-----KIMIRLHEQIIN 126
DB 95 VLVIFV-IKEAQENLFMOVAISLLEAGALGNFIDRYLHGEYVD 136
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RESULT 14
US-08-430-286A-2
; Sequence 2, Application US/08430286A
; Patent No. 6225080
; GENERAL INFORMATION:
; APPLICANT: Uhl, George R.
; APPLICANT: Eppler, C. Mark
; TITLE OF INVENTION: Mu-Subtype Opioid Receptor
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Darby & Darby PC
; STREET: 805 Third Avenue
; CITY: New York
; STATE: New York
; COUNTRY: US
; ZIP: 10022
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
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: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: PatentIn Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/430,286A
: FILING DATE: 28-APR-1995
: CLASSIFICATION: 536
: ATTORNEY/AGENT INFORMATION:
: NAME: Robinson, Joseph R.
: REGISTRATION NUMBER: 33,448
: REFERENCE/DOCKET NUMBER: 0646/1A843-US5
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 212-527-7700
: TELEFAX: 212-753-6237
:
: TELEX: 236687
:
: INFORMATION FOR SEQ ID NO: 2:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 356 amino acids
: TYPE: amino acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: protein
: FRAGMENT TYPE: N-terminal
: ORIGINAL SOURCE:
: ORGANISM: Rattus rattus
: IMMEDIATE SOURCE:
: CLONE: mu receptor amino acid
:
US-08-430-286A-2

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; ; REGISTRATION NUMBER: 33,448
; ; REFERENCE/DOCKET NUMBER: 0646/1A843-US5
; ; TELECOMMUNICATION INFORMATION:
; ; TELEPHONE: 212-527-7700
; ; TELEFAX: 212-753-6237
; ; TELEX: 236687
; ; INFORMATION FOR SEQ ID NO: 5:
; ; SEQUENCE CHARACTERISTICS:
; ; LENGTH: 356 amino acids
; ; TYPE: amino acid
; ; STRANDEDNESS: single
; ; TOPOLOGY: linear
; ; MOLECULE TYPE: protein
; ; FRAGMENT TYPE: N-terminal
; ; ORIGINAL SOURCE:
; ; ORGANISM: Rattus rattus
; ; IMMEDIATE SOURCE:
; ; CLONE: MUOR-1
; ;
US-08-430-286A-5

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